AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Original) An organic light-emitting display apparatus comprising:

a substrate;

an emission control circuit formed on the substrate;

an insulating layer covering the control circuit;

an organic light-emitting device including a first electrode and a second electrode, and formed on the insulating layer; and

a contact wiring structure for electrically connecting the emission control circuit and the organic light-emitting device, and including

a first conductive layer made of the same material as the first electrode;

a second conductive layer made of the same material as the second electrode; and

a diamond-like carbon film between the first conductive layer and the second conductive layer.

5. (Original) The organic light-emitting display apparatus according to claim 4, wherein the first electrode includes a material selected from the group consisting of aluminum and copper.

6. (Original) The organic light-emitting display apparatus according to claim 4, wherein the diamond-like carbon film between the first conductive layer and the second conductive layer contains fluorine.

7. (Original) The organic light-emitting display apparatus according to claim 4, wherein the light-emitting device includes

a light-emitting layer made of an organic material generating light by charge injection; and

a diamond-like carbon film between the emitting layer and the first electrode.

8. (Original) The organic light-emitting display apparatus according to claim 7, wherein the diamond-like carbon film between the emitting layer and the first electrode contains fluorine.

9. (Original) The organic light-emitting display apparatus according to claim 7, wherein

the first electrode is an anode to supply holes to the emitting layer,

the second electrode is a cathode to supply electrons to the emitting layer, and

the light-emitting device further includes a diamond-like carbon film between the emitting layer and the second electrode.

10. (Original) The organic light-emitting display apparatus according to claim 9, wherein the diamond-like carbon film between the emitting layer and the second electrode contains fluorine.

11. (Original) The organic light-emitting display apparatus according to claim 4, wherein the second electrode includes a material with substantially the same work function as the first electrode.

12. (Original) The organic light-emitting display apparatus according to claim 4, wherein the second electrode is made of the same material as the first electrode.

13. (Original) The organic light-emitting display apparatus according to claim 4, wherein

the emission control circuit includes

a driver device controlling current supplied to the organic light-emitting device, and

a switching device controlling the driver device based on a scan signal and a data signal, and

the contact wiring structure is electrically connected to the driver device.

14. (Withdrawn) A method of manufacturing an organic light-emitting diode display apparatus, comprising:

forming an emission control circuit on a substrate;

forming an insulating layer to cover the emission control circuit;

depositing on the insulating layer a first conductive layer electrically connected to the emission control circuit;

depositing a first diamond-like carbon layer on the conductive layer;

etching the first conductive layer and the first diamond-like carbon layer with a common mask to divide the first conductive layer into a first layer and a second layer, to divide the first diamond-like carbon layer into a first diamond-like carbon film on the first layer and a second diamond-like carbon film on the second layer; and

forming on the second diamond-like carbon film an emitting layer made of an organic material generating light by charge injection.

15. (Withdrawn) The method according to claim 14, further comprising

depositing a second diamond-like carbon layer over the emitting layer and the first diamond-like carbon film; and

depositing a second conductive layer on the second diamond-like carbon layer.

16. (Withdrawn) The method according to claim 15, further comprising

etching the second conductive layer and the second diamond-like carbon layer with a common mask.

17. (Withdrawn) The method according to claim 15, wherein

the depositing of the second diamond-like carbon layer and the depositing of the second conductive layer include depositing under a temperature lower than a glass transition temperature of the organic material.

18. (Withdrawn) A method of manufacturing an organic light-emitting diode display apparatus, comprising:

forming an emission control circuit on a substrate;

forming an insulating layer to cover the emission control circuit;

forming an electrode on the insulating layer;

forming on the insulating layer a first conductive layer electrically connected to the emission control circuit;

forming on the electrode an emitting layer made of an organic material generating light by charge injection;

depositing a diamond-like carbon layer over the first conductive layer and the emitting layer;

and

depositing a second conductive layer on the diamond-like carbon layer.

19. (New) The organic light-emitting display apparatus according to claim 4, wherein the diamond-like carbon film has an SP3 bond of carbon atoms and an SP2 bond of carbon atoms.

20. (New) The organic light-emitting display apparatus according to claim 4, wherein the diamond-like carbon film has a work function from 0.5 to 5.6 electron volts.